



Abstract of the Disclosure

CDMA Receiver. According to one embodiment, a CDMA receiver is provided for receiving a CDMA signal in a multi-subscriber environment. The multi-subscriber environment can include a receiving device for receiving the CDMA signal. Further, the environment can include a Rake receiving circuit for detection of signal components of the CDMA signal which are transmitted via the various signal paths. The environment can also include a channel estimation circuit for estimating channel coefficients of a transmission channel coefficient h of a transmission channel H by means of a predetermined reference data sequence contained in the received CDMA signal. A weighting coefficient calculation device can calculate weighting coefficients for the various signal components of the CDMA signal. Further, the environment can include a weighting circuit for weighting the signal components with the calculated weighting coefficients. A combiner can combine the weighted signal components to form an estimated received data signal.